

În perioada **2024.07.01 – 2024.07.31**

*Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observații orice persoană fizică sau juridică, la adresa [asro@asro.ro](mailto:asro@asro.ro) Proiectele pot fi obținute de la ASRO precizând indicativul și titlul proiectului. Termenul limită până la care se pot trimite comentarii este cu 30 zile calendaristice înainte de termenul limită de vot (dea), indicat după fiecare proiect.*

**prEN ISO 8501-3**

Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 3: Preparation grades of welds, edges and other areas with surface imperfections (ISO/DIS 8501-3:2024)

dea: 2024-10-16

**prEN ISO 16089**

Machine tools - Safety - Stationary grinding machines (ISO/FDIS 16089:2024)

dea: 2024-10-14

**prEN ISO 19177-1**

Geographic information - Geospatial API for tiles - Part 1: Core (ISO/DIS 19177-1:2024)

dea: 2024-10-10

**prEN ISO 19178-1**

Geographic information - Training data markup language for artificial intelligence - Part 1: Conceptual model standard (ISO/DIS 19178-1:2024)

dea: 2024-10-02

**01.020 Terminologie (principii și coordonare)**

**prEN ISO 17117-1**

Health informatics - Terminological resources - Part 1: Characteristics (ISO/DIS 17117-1:2024)

dea: 2024-10-14

**11.040 Echipament medical**

**11.040.70 Echipament oftalmologic**

**prEN ISO 11980**

Ophthalmic optics - Contact lenses and contact lens care products - Guidance for clinical investigations (ISO/DIS 11980:2024)

dea: 2024-09-23

**prEN 16128**

Ophthalmic optics - Reference method for the testing of spectacle frames and sunglasses for nickel release

dea: 2024-09-19

**prEN ISO 16671**

Ophthalmic implants - Irrigating solutions for ophthalmic surgery (ISO/DIS 16671.2:2024)  
dea: 2024-09-11

**11.060 Stomatologie**

**11.060.25 Instrumente dentare**

**prEN ISO 15087**

Dentistry - Dental elevators (ISO/DIS 15087:2024)  
dea: 2024-10-09

**prEN ISO 19490**

Dentistry - Sinus membrane elevator (ISO/DIS 19490:2024)  
dea: 2024-09-30

**11.100 Medicină de laborator**

**11.100.10 Sisteme pentru încercări de diagnostic in vitro**

**FpCEN ISO/TS 7552-2**

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for circulating tumour cells (CTCs) in venous whole blood - Part 2: Isolated DNA (ISO/DTS 7552-2:2024)  
dea: 2024-10-09

**FprCEN ISO/TS 7552-1**

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for circulating tumour cells (CTCs) in venous whole blood - Part 1: Isolated RNA (ISO/DTS 7552-1:2024)  
dea: 2024-10-07

**FprCEN ISO/TS 7552-3**

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for circulating tumour cells (CTCs) in venous whole blood - Part 3: Preparations for analytical CTC staining (ISO/DTS 7552-3:2024)  
dea: 2024-10-09

**11.180 Ajutoare pentru invalizi sau persoane cu handicap**

**11.180.99 Alte standarde pentru invalizi sau persoane cu handicap**

**prEN 17984-3**

Assistance dogs - Part 3: Competencies for assistance dogs professionals  
dea: 2024-10-03

**11.200 Controlul nașterilor. Contraceptive mecanice**

**prEN ISO 4074**

Natural rubber latex male condoms - Requirements and test methods (ISO/DIS 4074:2024)  
dea: 2024-10-15

**13.030        Deșeuri**

**13.030.01    Deșeuri în general**

**prEN ISO 16965**

Environmental solid matrices - Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) (ISO/DIS 16965:2024)  
dea: 2024-10-01

**13.030.50    Reciclarea deșeurilor**

**prEN 18109**

Plastics - Agricultural plastic products - Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines  
dea: 2024-09-26

**13.040        Calitatea aerului**

**13.040.30    Aerul la locul de muncă**

**prEN 15051-2**

Workplace exposure - Measurement of the dustiness of bulk materials - Part 2: Rotating drum method  
dea: 2024-09-26

**13.060        Calitatea apei**

**13.060.20    Apă potabilă**

**prEN 13079**

Devices to prevent pollution by backflow of potable water - Air gap with injector - Family A - Type D  
dea: 2024-10-10

**13.060.50    Determinarea substanțelor chimice din apă**

**prEN ISO 18127**

Water quality - Determination of adsorbable organically bound fluorine, chlorine, bromine and iodine (AOF, AOCl, AOBr, AOI) - Method using combustion and subsequent ion chromatographic measurement (ISO/DIS 18127:2024)  
dea: 2024-09-27

**13.080        Calitatea solului. Pedologie**

**13.080.10    Proprietăți chimice ale solurilor**

**prEN ISO 16965**

Environmental solid matrices - Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) (ISO/DIS 16965:2024)  
dea: 2024-10-01

### **13.080.40 Proprietăți hidrologice ale solurilor**

#### **prEN ISO 16383-1**

Geotechnical investigation and testing - Laboratory testing of rock - Part 1: Determination of water content (ISO/DIS 16383-1:2024)

dea: 2024-10-01

### **13.200 Prevenirea accidentelor și dezastrelor**

#### **EN 16303:2020/prA1**

Road restraint systems - Validation and verification process for the use of virtual testing in crash testing against vehicle restraint system

dea: 2024-10-17

### **13.220 Protecția contra incendiilor**

#### **13.220.40 Comportamentul la foc și inflamabilitatea materialelor și produselor**

#### **prEN ISO 9038**

Determination of sustained combustibility of liquids (ISO/DIS 9038:2024)

dea: 2024-10-01

### **13.230 Protecția contra exploziilor**

#### **prEN 15089**

Explosion isolation systems

dea: 2024-10-10

### **13.340 Echipament de protecție individuală**

#### **13.340.50 Echipamente de protecție pentru picior**

#### **prEN 15090**

Footwear for firefighters

dea: 2024-10-17

### **19.100 Încercări nedistructive**

#### **prEN ISO 2400**

Non-destructive testing - Ultrasonic testing - Specification for standard block No. 1 (ISO/DIS 2400:2024)

dea: 2024-10-08

### **23.040 Conducte și accesorii**

#### **23.040.20 Țevi din materiale plastice**

#### **prEN 1329-1**

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes,

fittings and the system  
dea: 2024-10-17

### **23.040.40 Racorduri metalice**

#### **EN 1254-20:2021/prA1**

Copper and copper alloys - Plumbing fittings - Part 20: Definitions, thread dimensions, test methods, reference data and supporting information  
dea: 2024-10-10

#### **EN 1254-3:2021/prA1**

Copper and copper alloys - Plumbing fittings - Part 3: Compression fittings for use with plastics and multilayer pipes  
dea: 2024-10-10

#### **EN 1254-6:2021/prA1**

Copper and copper alloys - Plumbing fittings - Part 6: Push-fit fittings for use with metallic tubes, plastics and multilayer pipes  
dea: 2024-10-10

#### **EN 1254-8:2021/prA1**

Copper and copper alloys - Plumbing fittings - Part 8: Press fittings for use with plastics and multilayer pipes  
dea: 2024-10-10

### **23.040.70 Furtunuri flexibile**

#### **prEN ISO 18752**

Rubber hoses and hose assemblies - Wire- or textile-reinforced single-pressure types for hydraulic applications - Specification (ISO/DIS 18752:2024)  
dea: 2024-10-15

### **23.060 Robinetărie**

#### **23.060.01 Robinetărie în general**

#### **prEN ISO 5640**

Industrial valves - Mounting kits for part-turn valve actuator attachment (ISO 5640:2024)  
dea: 2024-10-10

### **23.060.40 Reglatoare de presiune**

#### **prEN 126**

Safety and control devices for burners and appliances burning gaseous fuels - Multifunctional controls for gas burning appliances  
dea: 2024-10-03

### **25.160 Sudare și lipire**

#### **25.160.10 Procedee de sudare**

**prEN ISO 13916**

Welding - Measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO/DIS 13916:2024)

dea: 2024-10-04

**prEN ISO 14555**

Welding - Arc stud welding of metallic materials (ISO/DIS 14555:2024)

dea: 2024-09-24

**25.160.30      Mașini de sudare****prEN ISO 17662**

Welding - Calibration, verification and validation of equipment used for welding, including ancillary activities (ISO/DIS 17662:2024)

dea: 2024-09-25

**25.220            Tratamente și acoperiri de suprafață****25.220.10      Pregătirea suprafeței****FprCEN ISO/TR 15235**

Preparation of steel substrates before application of paints and related products - Collected information on the effect of levels of water-soluble salt contamination (ISO/TR 15235:2001)

dea: 2024-09-26

**35.030            Securitatea IT****prEN ISO/IEC 27701**

Information security, cybersecurity and privacy protection - Privacy information management systems - Requirements and guidance (ISO/IEC DIS 27701:2024)

dea: 2024-08-27

**35.240            Aplicații privind tehnologia informației****35.240.20      Aplicații IT pentru birotică****FprCEN/TR 16931-9**

Electronic invoicing - Part 9: VAT reporting and gap analysis with current e-invoicing standardization deliverables

dea: 2024-10-10

**35.240.63      Aplicații IT în comerț****FprCEN/TR 16931-9**

Electronic invoicing - Part 9: VAT reporting and gap analysis with current e-invoicing standardization deliverables

dea: 2024-10-10

**35.240.80      Aplicații IT în medicină**

**prEN ISO 13940**

Health informatics - System of concepts to support continuity of care (ISO/DIS 13940:2024)  
dea: 2024-09-23

**prEN ISO 17117-1**

Health informatics - Terminological resources - Part 1: Characteristics (ISO/DIS 17117-1:2024)  
dea: 2024-10-14

**prEN ISO 27269**

Health informatics - International patient summary (ISO/DIS 27269:2024)  
dea: 2024-10-07

**43.150        Biciclete****prEN 17860-4**

Carrier Cycles - Part 4: Heavy weight carrier cycles - Mechanical and functional aspects  
dea: 2024-10-10

**49.025        Materiale pentru aeronautică****49.025.10    Oțeluri****prEN 3359**

Aerospace series - Steel X3CrNiMoAl13-8-2 (1.4534) - Vacuum induction melted and consumable electrode remelted - Softened - Forging stocks - a or D = 300 mm  
dea: 2024-09-26

**prEN 3365**

Aerospace series - Steel X15CrNi17-3 (1.4057) - Air melted - Softened - Forging stock - a or D = 300 mm  
dea: 2024-09-26

**prEN 3490**

Aerospace series - Steel X15CrNi17-3 (1.4057) - Air melted - Hardened and tempered - Bars for machining - De = 200 mm - 900 MPa = Rm = 1 100 MPa  
dea: 2024-09-26

**49.030        Elemente de asamblare pentru industria aeronautică****49.030.20    Bolțuri, șuruburi, știfturi filetate****prEN 6127**

Aerospace series - Blind bolt, 100° reduced flush head, high strength  
dea: 2024-10-17

**prEN 6128**

Aerospace series - Blind bolt, 100° flush head, high strength  
dea: 2024-10-17

**prEN 6129**

Aerospace series - Blind bolt, protruding head, high strength, pulltype  
dea: 2024-10-17

**49.060 Echipament electric****prEN 3545-006**

Aerospace series - Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C - Part 006: Male coding and attachment System for mounting on fixed housing (receptacle) - Product standard  
dea: 2024-10-10

**prEN 6059-502**

Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 502: Resistance to electrical arcs  
dea: 2024-10-17

**49.095 Echipament pentru cabină și echipament pentru pasageri****prEN 4727**

Aerospace series - Standardized passenger seat weight information  
dea: 2024-10-17

**prEN 4912**

Aerospace series - ECO efficiency of seats  
dea: 2024-10-17

**55.040 Materiale pentru ambalare și accesorii****prEN 14932**

Plastics - Thermoplastic stretch films for wrapping silage bales  
dea: 2024-10-17

**59.080 Produse din industria textilă****59.080.30 Țesături din textile****prEN ISO 9073-5**

Nonwovens - Test methods - Part 5: Determination of resistance to mechanical penetration (ball burst procedure) (ISO/DIS 9073-5:2024)  
dea: 2024-09-26

**prEN ISO 9073-6**

Nonwovens - Test methods - Part 6: Absorption (ISO/DIS 9073-6:2024)  
dea: 2024-09-25

**59.140 Industria pielăriei****59.140.30 Piei și blănuri**



**prEN ISO 25089**

Leather - Tests for colour fastness - Colour fastness to sea water (ISO/DIS 25089:2024)  
dea: 2024-10-01

**65.040 Clădiri, structuri și instalații agricole**

**65.040.30 Sere și alte instalații aferente**

**prEN 13206**

Plastics - Thermoplastic covering films for use in agriculture and horticulture  
dea: 2024-10-17

**prEN 18109**

Plastics - Agricultural plastic products - Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines  
dea: 2024-09-26

**65.080 Îngrășăminte**

**prEN 14069**

Liming materials - Denominations, specifications and labelling  
dea: 2024-09-26

**67.250 Materiale și produse în contact cu alimentele**

**prEN 15664-1**

Influence of metallic materials on water intended for human consumption - Dynamic rig test for assessment of metal release - Part 1: Design and operation  
dea: 2024-10-10

**71.040 Chimie analitică**

**71.040.10 Laboratoare de analize chimice. Echipament de laborator**

**prEN 17242**

Recirculatory Filtration Fume Cabinets  
dea: 2024-10-10

**75.080 Produse petroliere în general**

**prEN 14331**

Liquid petroleum products - Separation and characterisation of fatty acid methyl esters (FAME) from middle distillates - Liquid chromatography (LC)/gas chromatography (GC) method  
dea: 2024-10-10

**75.160 Combustibili**

**75.160.20 Combustibili lichizi**

**prEN 16997**

Liquid petroleum products - Determination of the sulfur content in Ethanol (E85) automotive fuel-

Wavelength dispersive X-ray fluorescence spectrometric method  
dea: 2024-10-17

## **77.040 Încercările metalelor**

### **77.040.10 Încercări mecanice ale metalelor**

#### **prEN ISO 3325**

Sintered metal materials, excluding hardmetals - Determination of transverse rupture strength (ISO/DIS 3325:2024)  
dea: 2024-09-30

#### **prEN ISO 28079**

Hardmetals - Palmqvist toughness test (ISO/DIS 28079:2024)  
dea: 2024-09-30

## **77.160 Metalurgia pulberilor**

#### **prEN ISO 3325**

Sintered metal materials, excluding hardmetals - Determination of transverse rupture strength (ISO/DIS 3325:2024)  
dea: 2024-09-30

#### **prEN ISO 28079**

Hardmetals - Palmqvist toughness test (ISO/DIS 28079:2024)  
dea: 2024-09-30

## **81.060 Ceramică**

### **81.060.10 Materii prime pentru ceramici**

#### **prEN 15979**

Testing of ceramic raw materials and ceramic materials - Direct determination of mass fractions of impurities in powders and granules of silicon carbide by optical emission spectrometry by direct current arc excitation (DCArc-OES)  
dea: 2024-10-10

### **81.060.30 Ceramică de tehnică avansată**

#### **prEN 15365**

Advanced technical ceramics - Mechanical properties of ceramic fibres at high temperature in a non-reactive environment - Determination of creep behaviour by the cold grip method  
dea: 2024-10-17

## **83.080 Materiale plastice**

### **83.080.01 Materiale plastice, în general**

#### **prEN ISO 877-1**

Plastics - Methods of exposure to solar radiation - Part 1: General guidance (ISO/DIS 877-

1:2024)  
dea: 2024-09-30

**prEN ISO 877-2**

Plastics - Methods of exposure to solar radiation - Part 2: Direct weathering and exposure behind window glass (ISO/DIS 877-2:2024)  
dea: 2024-10-10

**83.100 Materiale celulare**

**prEN ISO 2440**

Flexible and rigid cellular polymeric materials - Accelerated ageing tests (ISO/DIS 2440:2024)  
dea: 2024-09-23

**prEN ISO 3386-1**

Polymeric materials, cellular flexible - Determination of stress-strain characteristics in compression - Part 1: Low-density materials (ISO/DIS 3386-1:2024)  
dea: 2024-09-30

**83.140 Produse din cauciuc și materiale plastice**

**83.140.10 Filme și folii**

**prEN 13206**

Plastics - Thermoplastic covering films for use in agriculture and horticulture  
dea: 2024-10-17

**prEN 13207**

Plastics - Thermoplastic silage films and tubes for use in agriculture  
dea: 2024-10-17

**prEN 13655**

Plastics - Thermoplastic mulch films recoverable after use, for use in agriculture and horticulture  
dea: 2024-10-17

**prEN 14932**

Plastics - Thermoplastic stretch films for wrapping silage bales  
dea: 2024-10-17

**prEN 17098-1**

Plastics - Barrier films for agricultural and horticultural soil disinfection by fumigation - Part 1: Specifications for barrier films  
dea: 2024-10-17

**prEN 18109**

Plastics - Agricultural plastic products - Installation, use, removal, sorting, collection, preparation for recycling and design for recycling guidelines  
dea: 2024-09-26

**87.040 Vopsele și emailuri**

**prEN ISO 9038**

Determination of sustained combustibility of liquids (ISO/DIS 9038:2024)

dea: 2024-10-01

**prEN ISO 19396-1**

Paints and varnishes - Determination of pH value - Part 1: pH electrodes with glass membrane (ISO/DIS 19396-1:2024)

dea: 2024-09-26

**prEN ISO 19396-2**

Paints and varnishes - Determination of pH value - Part 2: pH electrodes with ISFET technology (ISO/DIS 19396-2:2024)

dea: 2024-09-26

**87.060        Ingrediente pentru vopsele****87.060.01    Ingrediente pentru vopsele, în general****prEN ISO 9038**

Determination of sustained combustibility of liquids (ISO/DIS 9038:2024)

dea: 2024-10-01

**91.040        Clădiri****91.040.10    Clădiri publice****prEN ISO 17651-3**

Simultaneous interpreting - Interpreter's working environment - Part 3: Requirements and recommendations for interpreting hubs (ISO/DIS 17651-3:2024)

dea: 2024-10-09

**91.140        Instalații în clădiri****91.140.30    Ventilație și climatizare****prEN 12599**

Ventilation for buildings - Test procedures and measurement methods to hand over air conditioning and ventilation systems and air conditioning systems for non-residential buildings

dea: 2024-10-17

**EN 13141-7:2021/prA1**

Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 7: Performance testing of ducted mechanical supply and exhaust ventilation units (including heat recovery)

dea: 2024-10-10

**91.140.60    Sisteme de alimentare cu apă****prEN 13079**

Devices to prevent pollution by backflow of potable water - Air gap with injector - Family A -

Type D

dea: 2024-10-10

**prEN ISO 15875-1**

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 1: General (ISO/DIS 15875-1:2024)

dea: 2024-10-15

**prEN ISO 15875-2**

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 2: Pipes (ISO/DIS 15875-2:2024)

dea: 2024-10-16

**prEN ISO 15875-3**

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings (ISO/DIS 15875-3:2024)

dea: 2024-10-17

**prEN ISO 15875-5**

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 5: Fitness for purpose of the system (ISO/DIS 15875-5:2024)

dea: 2024-10-17

**91.140.80      Sisteme de evacuare a apei**

**prEN 1329-1**

Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the system

dea: 2024-10-17

**93.020            Lucrări de terasament. Excavații. Fundații. Lucrări subterane**

**prEN ISO 16383-1**

Geotechnical investigation and testing - Laboratory testing of rock - Part 1: Determination of water content (ISO/DIS 16383-1:2024)

dea: 2024-10-01

**93.030            Sisteme de canalizare externe**

**FprCEN/TS 17670-3**

Plastics piping systems for non-pressure underground conveyance of surface water - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Assessment of conformity

dea: 2024-10-08

**93.080            Ingineria drumurilor**

**93.080.20        Materiale de construcții pentru drumuri**

**prEN 12272-3**

Surface dressing - Test methods - Part 3: Determination of binder aggregate adhesivity by the Vialit plate shock test method  
dea: 2024-10-10

**93.080.30      Mașini și utilaje pentru construcția de drumuri**  
**EN 16303:2020/prA1**

Road restraint systems - Validation and verification process for the use of virtual testing in crash testing against vehicle restraint system  
dea: 2024-10-17

**93.160            Construcții hidrotehnice**

**prEN 18110**

Water quality - Method for assessment of fish damage in pumps and turbines used in pumping stations and hydropower plants  
dea: 2024-10-03

**97.150            Acoperitoare de sol**

**prEN 15115**

Textile floor coverings - Determination of sensitivity to spilled water  
dea: 2024-10-03

**prEN ISO 16906**

Resilient floor coverings - Determination of seam strength (ISO 16906:2015)  
dea: 2024-09-26

**97.190            Echipamente pentru copii**

**prEN 12790**

Child care articles - Reclined cradles and infant swings  
dea: 2024-10-10

**97.200            Echipamente pentru distracții**

**97.200.50      Jucării**

**EN 71-4:2020/prA1**

Safety of toys - Part 4: Experimental sets for chemistry and related activities  
dea: 2024-10-10

**prEN 71-14**

Safety of toys - Part 14: Trampolines for domestic use  
dea: 2024-10-17